SRS RIGGING

ADR-AHD

INSTRUCTION MANUAL

THIS DOCUMENT APPLIES TO ALL

ADR-AHD REMOTES

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IMPORTANT NOTE

The user is required to read and understand this manual before installing, operating, or servicing the device. Failure to follow the specified procedures and safety guidelines may result in equipment malfunction, personal injury, or hazardous situations. The manufacturer assumes no responsibility for damage or injury caused by negligence, improper handling, or failure to comply with the instructions provided. Under such circumstances, all associated risks and liabilities fall to the operator.

REPAIR & SERVICE

In the event of equipment malfunction, please contact our Technical Support Department at rma@srs-group.com, or reach out to the authorised distributor from whom the equipment was purchased. To ensure optimal performance and extend the service life of the device, only use replacement parts supplied or approved by the manufacturer.

For inquiries related to the functionality, operation, or applications of this equipment, please contact your local distributor or email us at sales@srs-group.com.

IMPORTANT NOTE

When contacting the manufacturer or local distributor, please provide information found on the sticker on the rear panel. This will ensure swift processing of your request. Thank you!

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1. SAFETY INFORMATION

The following general safety precautions have to be observed during all phases of operation, service, and repair of this equipment. Failure to comply with these precautions or with specific warnings in this manual violates safety standards of design, manufacture, and the intended use of this equipment.

DO NOT OPERATE IN AN EXPLOSIVE ATMOSPHERE!

Do not operate this equipment in the presence of flammable gases or fumes. Operation of any electrical instrument in such an environment constitutes a definite safety hazard.

WATER, MOISTURE, HEAT AND HUMIDITY

Do not operate this equipment near water or in areas with wet floors, also not in high humidity atmosphere where condensation forms on the equipment. It should never be placed near or over a heat register or other source of heated air and it should not be installed or operated without proper ventilation.

MAINTENANCE WORK PRECAUTIONS

Always ensure that the power to the equipment is disconnected before opening the equipment or commencing any maintenance work.

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2. PRODUCT DESCRIPTION

ADR-AHD is a digital cable hand remote used to control AHD series motor controllers. The hoists connected to the AHD series motor controller can be activated either individually or simultaneously via switches located on the hand remote. The unit is also equipped with an LCD display and an encoder with two control buttons to simplify system setup and operation.

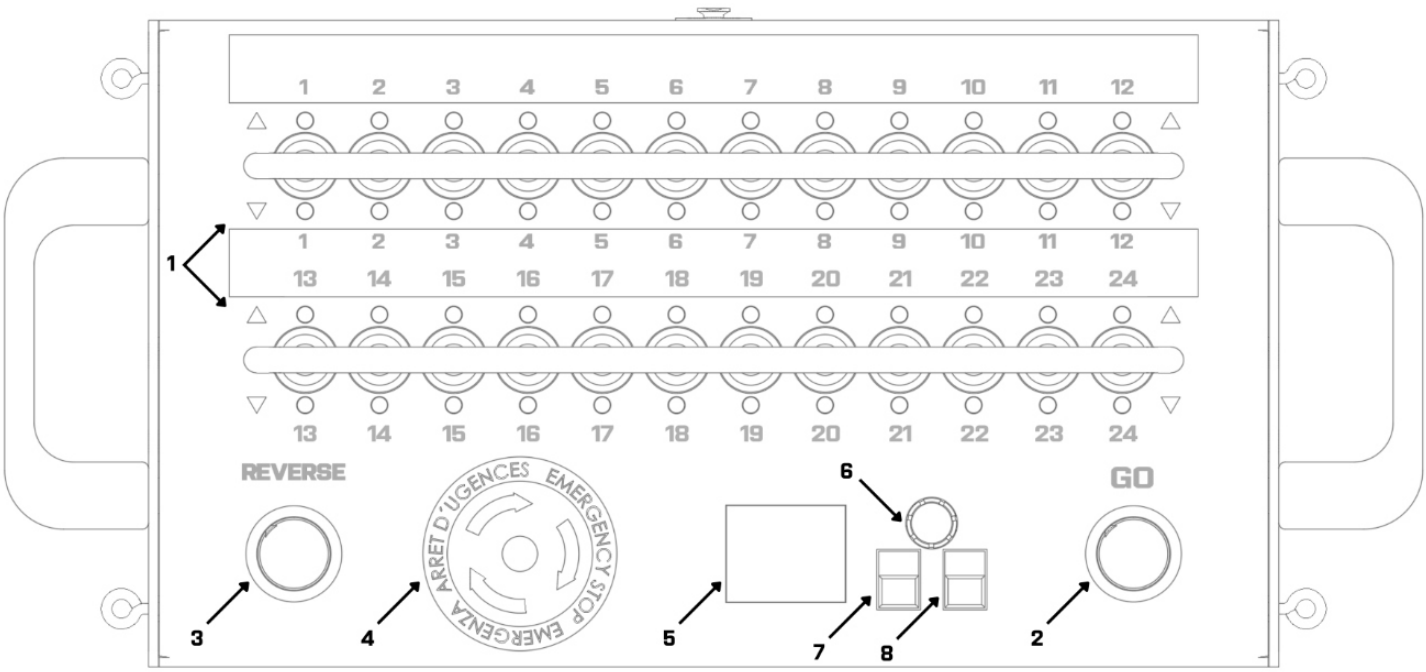
The device will not function if:

- **!** All safety connectors on the linked devices are not plugged
- **!** E-STOP is engaged on one of the devices down the link

All electrical components carry their own individual cSA/UL, CE and comply with European Directives. The components are housed in robust aluminium case, made out of dust- and water-proof material. Complete unit complies with the CE according to the Certification of conformity attached to this manual.

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3. PRODUCT OVERVIEW



DIRECTION SWITCHES (1)

Used to select movement direction for each hoist/channel separately.

GO BUTTON (2)

Used to set the selected channels in motion when the unit is active. Movement continues for as long as the operator holds the button.

REVERSE BUTTON (3)

Used to move all selected hoists in the opposite direction, when pressed together with the GO button.

E-STOP BUTTON (4)

When pressed, the button locks into active (engaged) position and must be rotated clockwise and released to disengage.

DISPLAY (5)

Used to display the system setup and to access the hand remote menu.

ROTATING ENCODER (6)

Used to navigate the menu by rotating the encoder to move either forwards or backwards.

BACK BUTTON (7)

Used to navigate the menu by pressing the BACK button to move one step back in the settings.

ENTER BUTTON (8)

Used to navigate the menu by pressing the ENTER button to confirm your choice.

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4. OPERATION & CONTROL

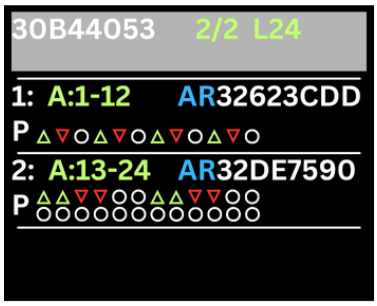
ADR-AHD can be connected to either one motor controller or a series of linked controllers, which are controlled simultaneously.

4.1. THE STARTUP PROCEDURE

1. Connect the ADR hand remote to the main AHD controller via a 10-pin XLR cable.
2. Reset the hand remote by pressing and disengaging the E-STOP.
3. On all linked controllers, check that E-STOP is not engaged, all breakers are on (if group stop is on), and all safety connectors are plugged.
4. Set the direction switches on the ADR-AHD to the desired position.
5. Holding the GO button on the hand remote will set the motors in motion.
6. Releasing the GO button will stop all movement of motors.

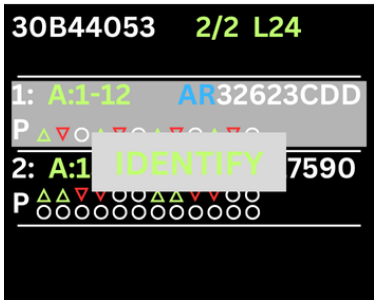
When the ADR remote is connected, it acts as the master unit, i.e., local control is disabled. When not in use, turn off the hand remote by pressing the E-STOP button to prevent unintentional actuation.

4.2. MENU NAVIGATION



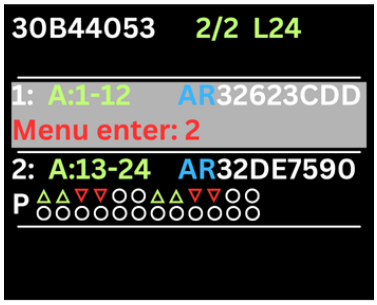
The first line shows the identifier of the ADR remote (*30B44053*), how many controllers are connected to it (*2/2*), and the channel limit (*L24*). Following that is information about the connected devices: available channels (*A1-12*), reset mode (*AR*), controller identifier (*32623CDD*), state (*P*), and direction for each channel.





RUNNING THE *IDENTIFY* COMMAND

Using the rotating encoder, move to the desired controller and press ENTER to run the *IDENTIFY* command. The LEDs on the respective controller will start blinking.



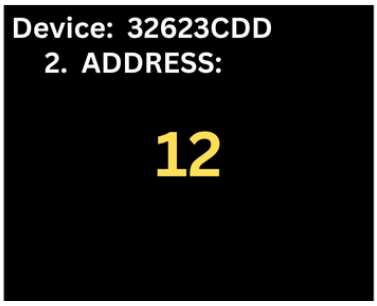


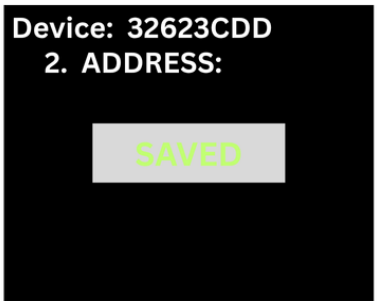


ENTERING THE CONTROLLER MENU

To enter the controller menu, move down the list to the desired controller, then press and hold the encoder for several seconds. By default, the code is 0000. Press ENTER to confirm each of the four numbers.

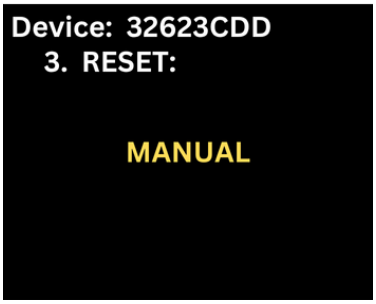
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SETTING UP THE STARTING ADDRESS

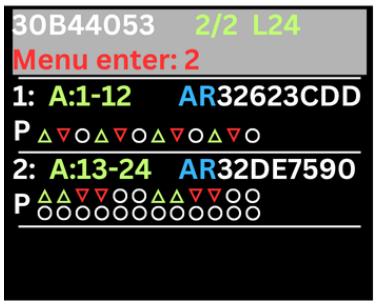
Rotate the encoder to the desired number, press ENTER to confirm. The address will change on the main screen.



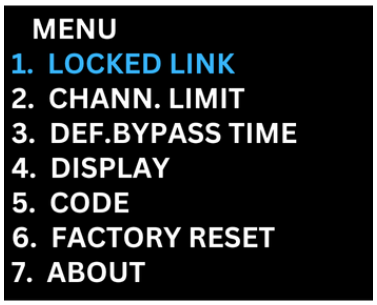


SETTING THE RESET MODE

To change the reset mode from AUTO to MANUAL, rotate the encoder and press ENTER to confirm. When MANUAL mode is selected, the operator has to manually reset each connected & linked controller. When AUTO mode is selected, the operator has to manually reset just the ADR hand remote. The mode will change on the main screen (MR for Manual Reset, AR for Auto Reset).

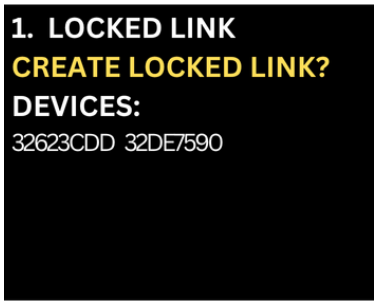


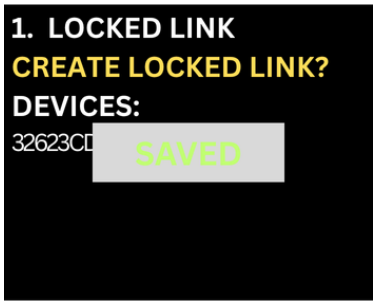




ENTERING THE ADR REMOTE MENU

To enter the hand remote menu, press and hold the encoder for several seconds. By default, the code is 0000. Press ENTER to confirm each of the four numbers.







CREATING A LOCKED LINK

To create a locked link, enter the first section of the menu and press ENTER again. You will see a list of devices on the link; once the locked link is created, no new motor controllers can be added to the existing linked system. The system won't function if any of the controller on the locked link are missing. The mode will change on the main screen (L for Link, LL for Locked Link).

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SETTING A CHANNEL LIMIT

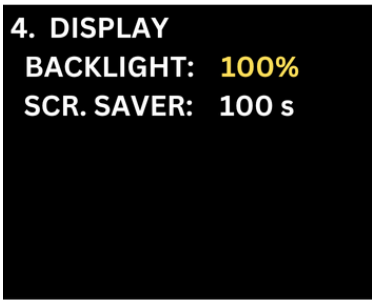
Set up the channel limit for the hand remote by rotating the encoder. Press ENTER to confirm.

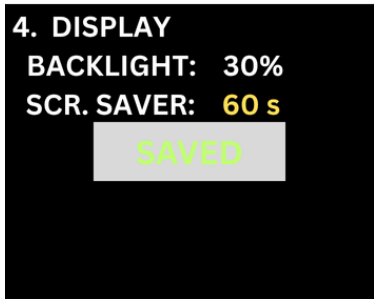




DEFINING BYPASS TIME

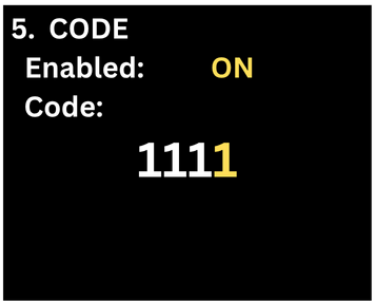
When an NLP unit is connected to the system, "bypass time" is used to bypass the limit stop and move the load under over-load or under-load conditions. Set the desired value (in seconds) by rotating the encoder. Press ENTER to confirm.





MANAGING DISPLAY SETTINGS

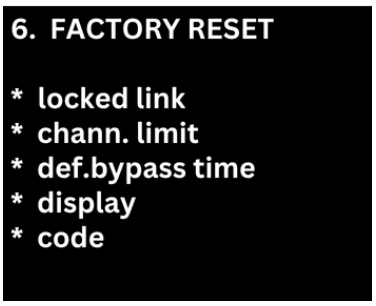
To change display brightness, rotate the encoder to the desired value and press ENTER to confirm. To set how long the display stays on before entering sleep mode (dimming), rotate the encoder to choose the desired value (in seconds), then press ENTER to confirm.





SETTING THE PASS CODE

To turn pass code authentication for settings on or off, rotate the encoder to the desired option and press ENTER to confirm. To change the pass code, rotate the encoder to the desired value and press ENTER for each of the four numbers to confirm.

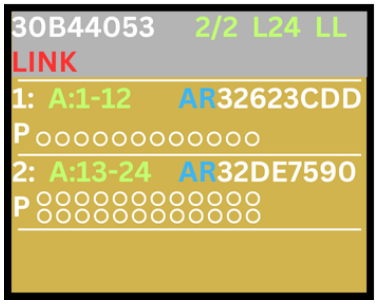


PERFORMING A FACTORY RESET

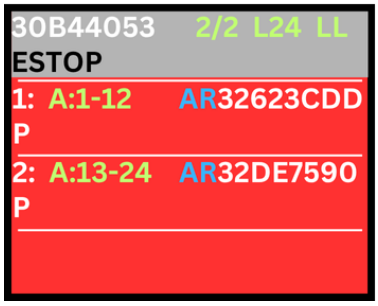


LEARNING ABOUT THE MANUFACTURER

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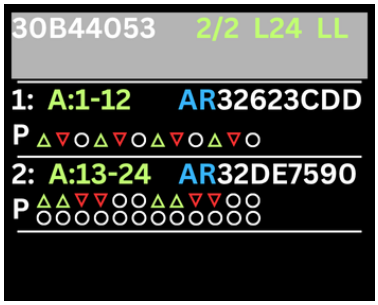


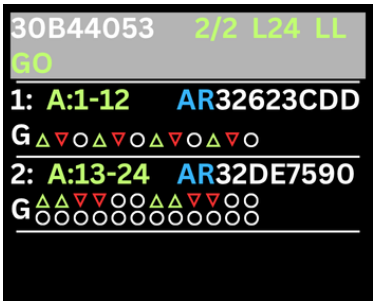
When the display is yellow, a reset procedure needs to be performed. Press & disengage the E-STOP button to continue operation.



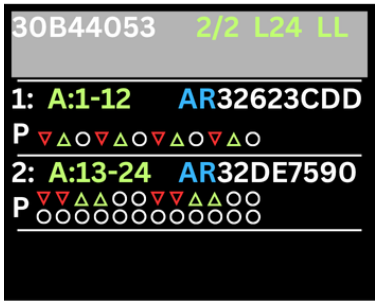
When the display is blinking red, E-STOP is engaged on the ADR remote. When the display is red but not blinking, E-STOP is engaged on one of the devices down the link.

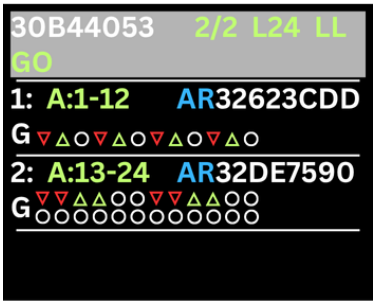
Pinpoint and eliminate the issue before disengaging the E-STOP.





When the GO button is pressed, the display will change to reflect ongoing movement.



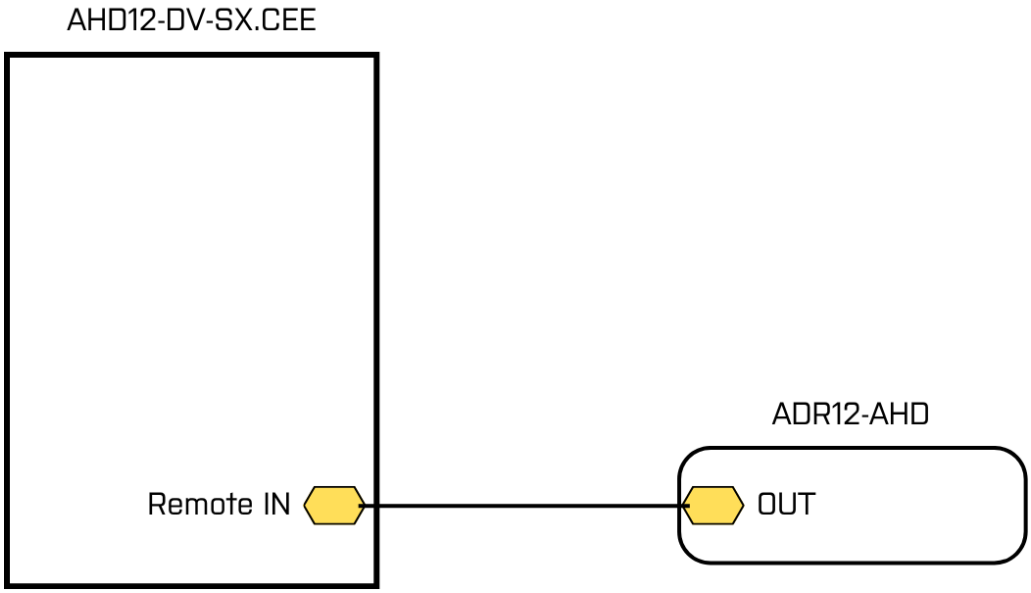


When the REVERSE button is pressed, the display will change to reflect the change of direction. When the GO button is pressed with the REVERSE button, the symbols on the display will show reversed direction and ongoing movement.

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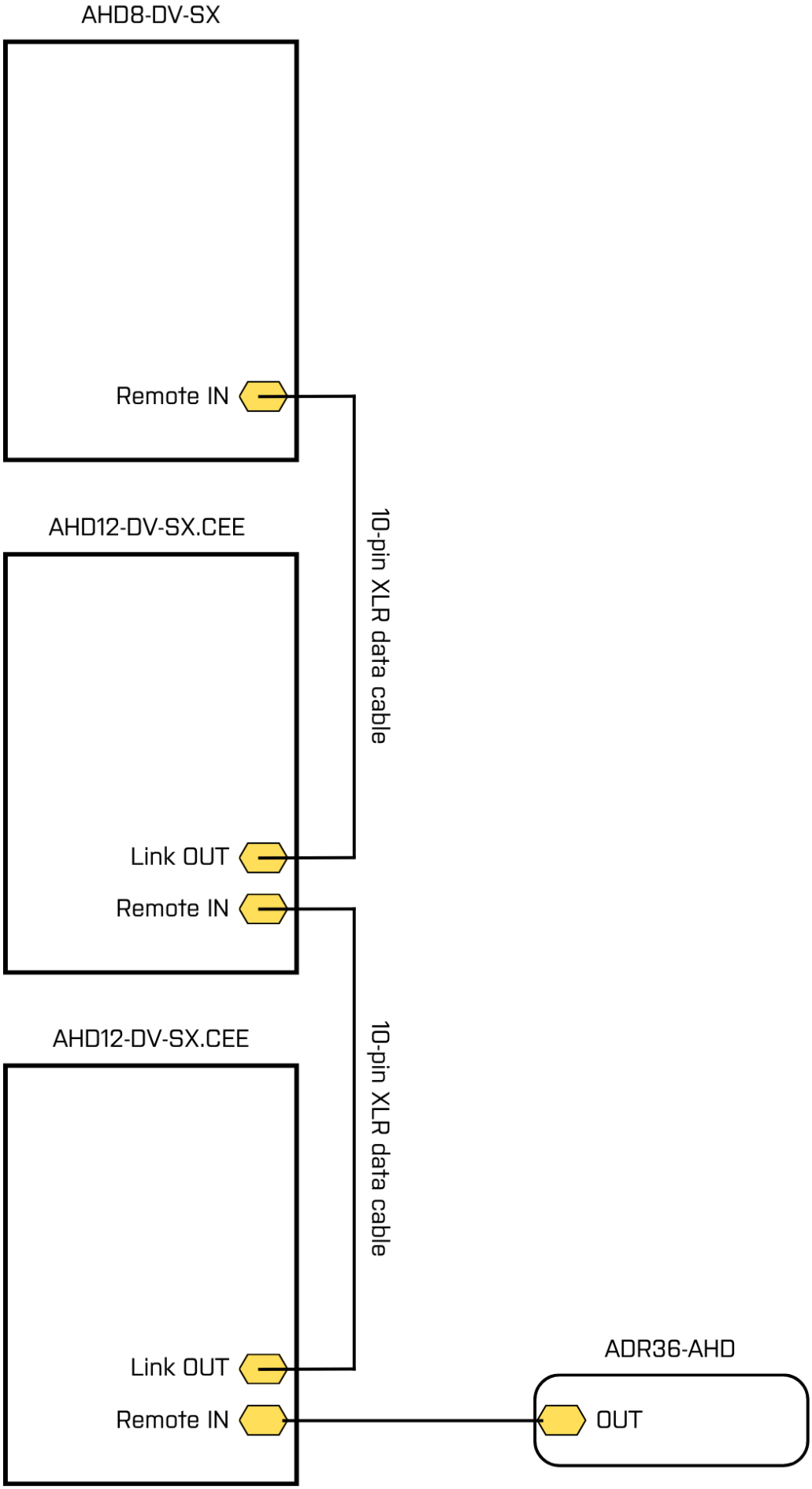
5. SAMPLE OF SYSTEM SCHEMATICS

5.1. CONTROLLER REMOTE OPERATION



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5.2. CONTROLLER LINK OPERATION



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6. WARRANTY

This unit is covered by a two-year manufacturer's warranty. For information regarding extended warranty terms, please contact the manufacturer at sales@srs-group.com.

The warranty applies exclusively to original factory-installed components and ensures their correct operation under normal usage conditions.

The warranty shall be void under the following circumstances:

- ! Any original component has been tampered with or modified without authorisation;
- ! The equipment is operated outside of its intended or specified usage conditions;
- ! The electrical power supply does not meet required specifications;
- ! Mechanical damage is present, including damage caused by overload or improper use;

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DECLARATION OF CONFORMITY

According to the specification of Machinery Directive 2006/42/EC, Annex II A:

Name of manufacturer:	SRS Group s.r.o.
Registered seat:	Pri majeri 4 831 07 Bratislava Slovakia

Declares that the product

Type: ADR-AHD Series Hand Remote

Name: 958XXX / ADRxx-AHD

Year of construction: 2025

Corresponds to the following harmonised standards:

Safety:	EN 60065:2014 EN 60204-1:2019 EN 13850:2015 EN 12100:2010
EMC:	EN 55103-2:2010

And in compliance with the following requirements:

Machine directive:	2006/42/EC
Low Voltage directive:	2014/35/EU
Electromagnetic compatibility directive:	2014/30/EU

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Bratislava, 21. 10. 2025

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